Lenovo

Lenovo ThinkPad X1 Yoga i7-1255U Hybrid (2-in-1) 35,6 cm (14") Touchscreen WUXGA Intel® Core™ i7 16 GB LPDDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

Brand : Lenovo   **Product family:** ThinkPad   **Product code:** 21CD003TAU

Product name : X1 Yoga

- Windows 11 Pro 64-bit
- Intel Core i7-1255U (12MB Cache)
- 35.6 cm (14") WUXGA 1920 x 1200 IPS Touch
- 16GB (5200MHz) LPDDR5-SDRAM & 512GB SSD

Intel Core i7-1255U (12MB Cache), 16GB LPDDR5-SDRAM, 512GB SSD, 35.6 cm (14") WUXGA 1920 x 1200 IPS Touch, Intel Iris Xe Graphics, WLAN, 4G, Webcam, Windows 11 Pro 64-bit

Lenovo ThinkPad X1 Yoga. Product type: Hybrid (2-in-1), Form factor: Convertible (Folder). Processor family: Intel® Core™ i7, Processor model: i7-1255U. Display diagonal: 35,6 cm (14"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels, Touchscreen. Internal memory: 16 GB, Internal memory type: LPDDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. Mobile network generation: 4G. Operating system installed: Windows 11 Pro. Product colour: Grey

intel

intel

intel. iRISxe GRAPHICS

Design

Colour name	Storm Grey
Product type *	Hybrid (2-in-1)
Product colour *	Grey
Form factor *	Convertible (Folder)
Housing material	Aluminium

Display

Display diagonal *	35,6 cm (14")
Display resolution *	1920 x 1200 pixels
Touchscreen *	✔
HD type	WUXGA
Panel type	IPS
LED backlight	✔
Native aspect ratio	16:10
Display brightness	400 cd/m²
RGB colour space	sRGB
Colour gamut	100%
Contrast ratio (typical)	1000:1

Processor

Processor manufacturer *	Intel
Processor model *	i7-1255U
Processor family *	Intel® Core™ i7
Processor boost frequency	4,7 GHz
Processor cores	10
Processor cache	12 MB
Configurable TDP-down	12 W

Memory

Internal memory *	16 GB
Internal memory type	LPDDR5-SDRAM

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
HDMI ports quantity *	1
Thunderbolt 4 ports quantity	2
Intel® Thunderbolt 4	✔
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔
USB Power Delivery	✔
USB Sleep-and-Charge	✔
USB Sleep-and-Charge ports	1

Keyboard

Pointing device	ThinkPad UltraNav
Keyboard layout	QWERTY
Keyboard language	English
Numeric keypad *	✘
Keyboard backlit	✔
Spill-resistant keyboard	✔

Software

Operating system architecture	64-bit
Operating system language	English
Recovery operating system	Windows 10 Pro
Operating system installed *	Windows 11 Pro

Processor special features

Intel Flex Memory Access	✔
Intel Trusted Execution Technology	✔
Intel VT-x with Extended Page Tables (EPT)	✔

Memory

Memory clock speed	5200 MHz
Memory form factor	On-board
Maximum internal memory *	16 GB
Memory channels	Octa-channel

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	NVMe, PCI Express 4.0
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘
Card reader integrated	✘

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
Discrete graphics card *	✘
On-board graphics card model *	Intel Iris Xe Graphics

Audio

Audio chip	Realtek ALC3306
Audio system	Dolby Atmos
Number of built-in speakers	4
Built-in microphone	✔
Number of microphones	4

Camera

Front camera	✔
Front camera resolution	1920 x 1080 pixels
Front camera HD type	Full HD
Infrared (IR) camera	✔
Privacy camera	✔
Privacy type	Privacy shutter

Network

Mobile network generation	4G
4G standard	LTE
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
Mobile network connection *	✔
Antenna type	2x2
WLAN controller model	Intel Wi-Fi 6E AX211
WLAN controller manufacturer	Intel
Ethernet LAN	✘
Bluetooth	✔
Bluetooth version	5.1
WWAN	✔

Processor special features

Execute Disable Bit	✔
CPU configuration (max)	1
Embedded options available	✘
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Virtualization Technology (VT-x)	✔

Battery

Battery technology	Lithium Polymer (LiPo)
Battery capacity *	57 Wh
Fast charging	✔

Power

AC adapter power	65 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V

Security

Cable lock slot	✔
Cable lock slot type	Kensington
Fingerprint reader	✔
Smart card reader	✘
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0
Password protection	✔
Password protection type	Power on, Supervisor, SSD

Operational conditions

Operating temperature (T-T)	5 - 35 °C
Storage temperature (T-T)	5 - 43 °C
Operating relative humidity (H-H)	8 - 95%
Storage relative humidity (H-H)	5 - 95%
Maximum shipping altitude	3048 m

Certificates

Certification	MIL-STD-810H, ErP Lot 3

Sustainability

Sustainability certificates	ENERGY STAR, EPEAT Gold, RoHS, TCO

Weight & dimensions

Width	314,4 mm
Depth	222,3 mm
Height	15,5 mm
Weight *	1,38 kg

Packaging content

Stylus pen	✔

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